G R 5 [N 5]

Previous references
Mel 91-148 841, 5, 1921-26
" 398-998 1, 6, 14-23 1915.
" 227-1483 1-3
" 161-1683 6, 25- (Mel)
Later references
Mel 95-32 (16-3)

File No 224-15

Serial Nos 1—7

Preserve for 1931

GENERAL AND REVENUE SECRETARIAT

Serial Nos 1—7

Part B for May 1919

SUBJECT

Water supply project for Jamkhandi town.

From the Dy Commr. Jamkhandi
No 420/S of 24.2.16

Recommends (1) that the project for supplying water to the Jamkhandi town from the Malaprabha be sanctioned (2) that a moiety of the cost of the project be met by Govt (3) that a sum of Rs 50000/- or such amount as the municipal council may decide to meet the moiety of the cost of the project be advanced by Govt as a loan repayable in 20 years at 4% interest per annum to be agreed to be raised by issuing debentures bearing interest at not [illegible] and the debentures being redeemed in 10 to 20 years.

To

The Secretary Lucknow Bd
Chief Engineer &
The Comptroller

} Co. No R 16736-38
917 S-19

Conveys with certain directions and suggestions administrative sanction to the following Lucknow Water Supply proposals Macchla Tanda

R&S 11] 1915

GENERAL AND REVENUE SECRETARIAT

(Revenue)

NOTES

File No 224/15

FILE HEADING

Water Supply Project for the Tumkur Town

From

The Deputy Commissioner Tumkur District

No 420/S Dated 24 2 1916 Received 3 1916

Diary No	3198	Enclos 1	Spare Copies	Serial No 1

BRIEF ABSTRACT OF LETTER

Recommends (1) that the project for supplying water to the Tumkur Town from the Mandala Tank be sanctioned, (2) that moiety of the cost of the project be met by Govt, & (3) that a sum of Rs 50,000/ or such amount as the Municipal Council may require to meet their moiety of the cost of the project be advanced by Government as a loan repayable in 20 years at 4% interest p.a. & be ordered to be raised by issuing debentures bearing interest at not more than 5% & the debentures being redeemed in 20 to 30 years.

NOTES AND ORDERS

In para 3 of his letter the Deputy Commissioner enumerates the several schemes investigated from time to time for supplying water to the Tumkur Town and concludes by saying that the only

NOTES—First Sheet

GPB—20 000—8 8 14

G R. S 12]

General and Revenue Secretariat | Mk File No. 224 of 1915

Serial No

only practical Solution of the Question is to Supply water from the Maroola Anamikere

2 The preliminary project for supplying water to the Junkin Town from the Maroola Tank is estimated to Cost Rs 1,67,000 and the Annual Charges for maintaining the works at Rs 1000/

3 The Dy Comr recommends that

(i) that a moiety (Rs 83,500) of the Cost of the project be met by Govt,

(ii) that the amount in excess of the accumulated Savings required for meeting the municipal Share of the cost be either

(a) advanced by Govt as a loan re perpetuum 20 yrs at 4%, or

(b) permitted to be raised by the issue of debentures by the Muni Council bearing interest at not more than 5%, & the loan being redeemed in 20 to 30 yrs

4 The following modifications are also suggested by the Dy Comr as regards the project

(i) The garden lands ~~measuring 275 acres~~ under the tank measuring 275 acres need not be acquired at present [illegible] This will reduce the

NOTE—Contn sheet

G R. S 12]

General and Revenue Secretariat | Mel File No 2914 of 1915

Serial No

the cost of the project.]

(ii) To prevent friction between the Municipal Council and the garden owners, the Sluice for supplying water to the gardens be placed at such a level as would leave about 300 units for water supplying the town

5 The Villagers around the Mandala Tank strongly protest against the reservation of the tank for supplying water to the Tuticorin Town The Dy Comr says their objections have been duly considered by the Municipal Council

6 The following Officers have recorded their opinions about the Mandala Tank as a source of water supply to the Tuticorin Town

Mel 354 08-3 W (i) Mr Mc Hutchen, Ch Engr Letter No 2245 dy 23 3 1909

Mel 354 08-5 V (ii) Mr K Doraiswamy Iyer (then Dy Comr of Tuticorin) Letter No 187 & 10 9 1909

Encl 6 Mel 398 09 17 El (iii) The Superintending Engineer, Southern Circle Para 3 of his letter No 655 3 & 27/30 Sept 1913 to the Ch Engr

7 Granting that Mandala Tank is a suitable source of water supply to the Tuticorin Town, the following points arise for

Contn sheet

PB—70 000—17 19 1

G B S 12]

General and Revenue Secretariat. | Ml File No 224 of 1915

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for consideration in this connection

(i) At the meeting of the Legislative Council on the 10 2 1915 the Govt in answer to Mr Venkatasamanna's interpellation said as follows -

" If this (Mandala Tank Scheme) or a modified Scheme only approved by Govt in the C & D is ready and the Municipality are able to bear half the capital outlay & the whole of the recurring expenditure, Govt will be in a position to take action necessary towards the execution of the Scheme "

In the case of the Chittoor Sreeyan Water Supply Project the following order has been passed

Govt propose to undertake the work only if the Govt share of the outlay viz Rs 75000/ can be raised as a loan in the Municipal the interest being guaranteed by Govt "

Para 5 G O No 4082 4 Rd 93 dt 23 Dy 3 12 1915

Will it be convenient for Govt to advance or give a merely (Rs 83,500) of the cost of the project as a grant in aid in the near or in the near future I Judging from the experience of the other Water Supply Schemes, it is submitted that the Govt share of the cost increase to not less than a lakh of rupees when the project assumes a final shape I

(ii) Are Govt willing to forego land revenue to the extent of about Rs 5000/ annually

(iii) Are the Municipal Council in

NOTE—Contn sheet

GPB—70 000—17 12 1

G R. S 12]

General and Revenue Secretariat | Ml File No 224 of 1915

Serial No

a portion to bear a moiety of the initial cost of the project & its annual maintenance charges

on point (1), Branch II and on points (ii), Branch (III) & the Revenue Commissioner have to be Consulted

As regards the last point a Statement ~~is appended~~ shewing the financial condition of the Tumkur Municipal Council during the 5 years ending 1914-15 is appended The average Annual income and expenditure was Rs 22,147 and Rs 16,686 respectively and the excess of income over expenditure was Rs 5,461 And then financial condition for the current official year (1915-16) is estimated as given below

(i)	Opening balance	Rs 38,971 (actuals)
(ii)	Receipts	31,100
(iii)	Total	70,071
(iv)	Expenditure	33,088
(v)	Closing balance	36,983
(vi)	Deduct 25% of (ii) as min working balance outg (v)	7,775
(vii)	Amount available for the closing balance for the water supply project	29,208

NOTE—Contn sheet

CPB—70 000—17 12 1

Statement showing the financial condition of the

	Items	1910 11	1911 12
	Receipts		
A	Municipal Rate & taxes		
	Octroi Octroi	3,102	3,455
	Taxes on buildings and lands	3,951	4,887
	Mohatarfa	2,094	2,322
	Tolls.	7,150	7,900
	other taxes	.	.
B	Realisations under special Acts.	264	205
C	Revenue derived from the property & powers apart from taxation	589	1,181
D	Grants and Contributions	985	985
E	Miscellaneous	41	.
	Total	18,176	20,935
	Expenditure.		
A	General Administration	1,402	1,316
B	Public Safety	2,648	2,559
C	Public Health and Convenience		
	Public Works carried out by the B. W. D		
	Do by the Port Trust	4,267	4,152
	Conservancy	4,407	4,775
	Others (Dispensaries, Hospital charges, etc)	1,728	1,550
D	Public Instruction	345	561
E	Contributions and grants-in-aid		
F	Miscellaneous.	275	917
	Total	14,072	15,830

No 224-15 X16

4 Municipal Council during the 5 years ending 1914-15

1912-13	1913-14	1914-15	Remarks
5111	5914	4017	
4048	3804	4041	
2204	2428	2999	
8000	8000	8150	
557	693	632	
1595	2616	3358	
985	1283	985	
110	94		
22610	24832	24180	
2354	2165	2695	
2804	2877	2743	
5173	13 8712	3691	
5447	5166	5787	
747	746	723	
540	540	570	
7	26	33	
17072	20215	16242	

	Rs
(I) Total Income for 5 years	1,10,733
(II) Average annual income	Rs 22147
(III) Total Expenditure for 5 years	83,431
(IV) Average Annual Expenditure	16,686
(V) Excess of (II) over (IV)	5,461
(VI) Working balance (minimum) 25% of (II)	5,537
vi Closing balance at the end of 1914-15	38,971

(3PB—70 000 —17 12 1

Serial No

8 The Municipal share of the cost of the project is Rs 85,000/ Deducting Rs 30,000 (roughly) available out of the balance at the credit of the Municipal Council, the amount which the Mul cl have to find out is Rs 55,000. They propose to raise the amount by issuing debentures bearing interest not exceeding 5%, the loan being discharged in 20-30 years If they raise the loan they will have to pay annually the interest to the debenture holders which amounts to Rs 2750 at 5% and set apart any one of the following sums to form a Sinking fund

(i) Rs 1,661 of the loan to be redeemed in 20 yrs } the interest received from the Sinking fund yearly being 5%
(ii) Rs 1210 do 25 "
(iii) Rs 830-5 do 30 "

[Note.— Strictly speaking the Mul cl should also reimburse the Govt for their loss of land revenue to the extent of Rs 5000 annually.]

Thus the Amount which the Municipal Council should set apart ~~towards~~ for discharging the loan will be Rs 3,411 & Rs 3580 & Annually if debt to be discharged in 20, 25 or 30 years respectively, exclusive of

NOTE—Contn sh

G R. S 12]

General and Revenue Secretariat | Mel File No. 224 of 1915

Serial No

in case the cost of the project is only Rs 167000/ and the loan to be raised is Rs 55000/. In addition they have to set apart the amount (Rs 1000) for annual working charges & that (not known) required for renewing the pipes etc

9 In para 9 of the letter under disposal it is stated "that the amount required for repayment of the loan as well as recurring charges (shall be met) from the ordinary surplus in its present income supplemented by a suitable water tax if necessary as soon as the project is sanctioned and brought into operation" The ordinary surplus of income was Rs 5461 If a water rate be levied the income from that source may be estimated at about Rs 2000/ These figures show that the Municipal Council may be just able to discharge meet a moiety of the project by raising a loan to the extent of abt Rs 55000 on condition of its being liquidated within a period of 20 – 30 years at 5% interest & to meet the annual working expenses of the water works.

10 Col Smyth, Sanitary Comr & Mr

* Average income three heads Rs 4646
Water rate abt 50% of the above 2073

Mr. Secy. Mel Govt's letter No 5114 & 10 Mel 398-09 3

NOTE—Contn sheet

9

3198

G R. S 12]

General and Revenue Secretariat. | Rev | File No. 224 of 1915.

	Serial No	
Ref. 2 pde. Summary report on the Madras Irrigation project. Paper under dsg		Mr K Srinivasagopalan suggested that the town water supply may be improved by tapping springs or Jalpargas. This scheme has not found favour with the Mil Cl.
R S & U.		
L S I 34		

MK 4/9

21 3 1916

The points to be decided are —

(1.) Is the Manavala tank likely to provide an adequate supply of water, or is the huge Cost of Rs 1,67,000 likely to be a wasted after all?

(2) Are Govt prepared to forego the revenue, or will they insist on being remunerated by the Municipal Council?

(3) Are the financial proposals of the Council sound enough to allow them to borrow money in the open market at 5%?

There is also another question —

(4) Are the Govt prepared to sacrifice the interests of the ryots under the tank for those of the residents of Tenneri (vide petition in the bundled file)

As regards the last one, the Dy Coll recommends action in the affirmative. The ryots will be paid Compensation in all cases

NOTE—Contn. sheet

GPB—70,000—1 1911

10

3198

G R S 12]

General and Revenue Secretariat. | ml File No. 224 of 1915.

Serial No	
	The Chief Engineer's opinion is necessary on this, and also on Question (1) as to whether there has been any difference of opinion in the past (vide para 6 above)
	Asst 21/3
Re. 1750 of 1915 dated 22.3.16	12 Forwarded unofficially to the Chief Engineer, North Command for favour of opinion
	By order, Benjamin Hatton, for Secy to Govt. New Delhi.
	21/3/16

PTO

NOTE—Contn. sheet

G R S 12]

General and Revenue Secretariat | Ml File No 224 of 1915

IV 7 14 Serial No

R. O. No. 94 P. W. D. of 22nd March 1916.

(1) If Irrigation ~~be completely~~ stopped under the Maidala tank and the tank reserved exclusively for the supply of Tumkur, the supply will be practically ensured and is not likely to fail, and this project is the only satisfactory solution of the question of water supply to Tumkur.

(2.) The opinions noted in para 6 above, are evidently based only on the heaviness of the cost involved

(3.) The Talparages or underground springs referred to are precarious sources

(4.) If the ryots under the tank are paid reasonable compensation, their interests cannot be considered as sacrificed for the sake of the residents of Tumkur

(5.) It is however, probable that there may be underground springs below the Maidala Tank bund, which if tapped may be able to give the requisite supply to the town In that case the lands under the tank need not be deprived of irrigation and the amount payable as compensation which is Rs.88,400 according to the project under reference, may be saved I am ordering the feasibility of this to be investigated, and shall intimate the result in due course

Note—Contn sheet

11.4.1916

Chief Engineer of Mysore.

GPB—70 000—17 12 15

WD 1288—GPB—60 000—1 12-16—S.

G. R. S. III-2]

General and Revenue Secretariat | Revl File No 224 of 1915

Serial No.

The three folios below relate to petn protesting agst the project & the point for orders in each case is whether the Govt may be moved to petn or whether it may wait

HG 4/3-17

May wait, I think.

HM 5/3/17

SS

Hly G

4 From

The Chief Engineer for Irrigation
No 1614 D/12 dt 28

Submits two estimates for supply of water by means of pipes & tunnels down from the Maidala tanks

2 The office note of the P W Secretariat gives a brief history of the scheme and the grounds for orders Subs

26 Lt Colonel Wilson HG 2/3-17

Rev. Secy)

2nd November)

HM 3/3/17

HG 3/3-17

Whether the Viceroy's approval is asked for, there should be recommended this proposal

G

G/3/3

HM

28 Please see that the petn has not overlooked when the outline is rec'd for appl.

HG 5/3-17

Note—Contn. sheet

Serial No

for orders The Secretary Jud Council have deposited a sum of Rs 35,900 in the Mysore Bank for being utilized for the Water Supply & other Schemes in the town. Every the proposals & projects be forwarded to the Dy. Commr, Tumkur &C, for obtaining the opinion of the Jud Council in the matter, and what sum the Municipality is prepared to pay towards the initial cost of the Scheme and whether the Council is prepared to meet the annual maintenance charges

C.E.
15/2/08
A
15.2.08

30 The chief Engineer for irrigation has submitted two projects for supplying water to Tumkur Town from the Hydalu tank one project costs Rs 200 129 and the other Rs 268 256 the difference being due to the method of carrying water from the tank Refer to marked & para 7 of the letter under disposal From calculated these it will be seen that the special works & increase the supply & the tank are unnecessary in the opinion of the Chief Engr for the present The in

Note—Sheet

G11 — 000—27 4 09

/D 1288—GPB—60 000—1 12-16—S.

G R S III-2]

General and Revenue Secretariat | Irl File No 2 24 of 1915

Serial No

33 In February 1916 the Dr Court recommended sanction to a preliminary project for this same work, which was then estimated at Rs 1,67,000, and also proposed certain ways and means for financing the scheme (Vide his letter sl 1) The estimate now recommended by the Central Sanitary Board & the P W D amounts to Rs 2,68,411, or one lakh more than the ~~first~~ preliminary estimate sefd to A smaller alternative estimate for Rs 2,00,129 has also been sent up It is further observed, ~~that~~ with regard to these alternative estimates, that they may have to be increased by another 64,000 Rs if eventually the tank selected is found unable to supply both the needs of the town supply and the irrigation of lands under it 34 Hence, the opinion and proposals submitted by the Irl Council on the preliminary estimate can not hold good now It is necessary to send the present estimate, and papers for consideration

NOTE—Contn sheet

JD 1233—GPB—60 000—1 12-16—S.

1894

G R S III-2]

General and Revenue Secretariat | Jul File No. 224 of 1915

Serial No

and submission of proposals financing the project which they may select for adoption The Jul. President will, if asked, be addressed accly to furnish an early report.

2nd member & Dewan) 35 Yes. — Hull hopefully cure of legal the SS intend the proposals to incl in the Estimate

21 2 18

* Write ref^ce to the enquiry on tabular abstract — m

2.15 4679 22/2/18

36 During my tour in the Tumkur District last month, I discussed the question with Municipal Commissioners and other leading men of the town in the presence of the Deputy Commissioner As a result, the Municipal Council have arrived at certain definite decisions as regards the financing of the project, at a special meeting held for the purpose The report of the Municipal Council may be awaited If it is not received in a fortnight, the Deputy Commissioner may be reminded

reminder despatched

1 4 18

4/18 MrCC

for TT. Note.

24 CB mc

NOTE—Contn sheet

G R. S 12]

General and Revenue Secretariat. | 2nd File No. 224 of 1915.

Serial No

5th | From, The Deputy Commr, Tanjore Dist.
R/d 7. Nov C 392-1) d 5 4 1918.
Submits a resolution of the Rul Council regr. the question of financing the water-Supply and drainage projects and recommends that both the Schemes may be adopted & be taken up together.

3] Till now only the water Supply project has been under the consideration of Govt and the Rul Council had to submit proposals for financing this scheme. They have however adopted a different course and consider that it would be advantageous to take up both the water-Supply and drainage projects together. The proposals submitted accordingly take into account both these projects. The Rul Council estimate the cost of both the projects at 4 lacs of rupees, and they are agreeable to meet a moiety of the cost. The water Supply project alone amounts to nearly 2½ lacs of rupees. How the Deputy Commr has arrived at the figure 4 lacs as a rough estimate for both the projects is not clear. It is ascertained that no project for drainage has been rec'd in the Chief Engr's office. It therefore a point for orders, whether both the projects have to be conducted together, in which case it will be necessary to call for plans & estimates

Form—Contn sheet

GPB—70 000 —17 12 1

1539

G R S 12]

General and Revenue Secretariat

Simla File No 224 of 1915

Serial No

[illegible] the drainage from the Chief Engr's. Will make no other delay in the development of the water-supply project for which it will be seen from the Engr's letter that money can be easily found

Subd for orders -

Resolve)

11 5 16

38 The water supply question may be first dealt with without instead of waiting for any preliminary or detailed proposals for drainage

39 The chief point to decide is the question of first making a grant-in-aid of half the cost ie between a lakh & a lakh & a quarter

2nd Member
Extraordinary Member

16/5/16

4-5
17-5-16

40 I agree with the Engr. Any draft which he & Mr Jukes & Engr Secretary may think fit will [illegible] I agree

[illegible]

I also agree

23 5 16

NOTE—Contin sheet

(PH 70 000—17 1 1)

G. R. S. III-2]

2539

General and Revenue Secretariat

Ind File No. 224 of 1915

Serial No.

42 For perusal with reference to the note at para 36

43 The Financial Branch will be consulted as regards finding the Govt share of the cost of the Water-supply schemes, the interest guaranteed, and the case then resubd for orders

B2
25-5-18

6226/28/5/18

Dewan)

46 Yes.

45 The file may be further worked up on the lines indicated in my recent tour notes (pages 13 - 14).

9/7/18 GO

Please put up a copy of the Tour notes Early
MM
13/7

Asst Secy
44 Please refer to the notes & put up

M
10/7/18
B
11/7

Vide RS

Mag R

47 Submitted with a copy of the Dewan Sahib's tour notes. It will be seen therefrom that administrative sanction will have to be accorded to both the water-supply and drainage schemes including arrangements for financing them and that special sanction should be obtained for commencing the works after the war is over

for timing at which putting up this file may
MM.

Read 1/8/18
B

AVR
30.7.18

NOTE—Contn sheet

WD A 1789—GPB 60 000—20-3-18—S.

G. R. S. 12]

General and Revenue Secretariat.

2d File No. 2211 of 1915

Serial No

68 I have noted on para 37 above the development of the Tuticorin water supply scheme as it at present stands, so far as the Mul Council is concerned. Detailed estimates for the water supply scheme are ready but not even a rough project for the drainage scheme has been got ready yet though it is stated that it is under preparation. The 2 schemes are however roughly estimated to cost 4 lacs of rupees. The Mul Council are prepared to raise 2 lacs as a loan. The Dewan has observed that both the works may be undertaken after the war is over, the preliminary investigations being completed now, and administrative sanction being given.

69 The action that has now to be taken may be stated as follows

(1) Preparation and provincial approval of the a rough project for the drainage scheme

(2) Permitting the Mul Council to take steps to raise a loan

70 As regards (1) the Chief Engineer may be requested to expedite the submission of the rough project, on receipt of which, a draft order may be put up giving administrative sanction to both the schemes, fixing the financial responsibility of the State & the Mul Council as regards both the Schemes

71 The question of raising a loan requires [illegible]

NOTE—Contn sheet

G R. S 12]

General and Revenue Secretariat

File No. 224 of 1913.

Serial No

Conclusion. Since the Bd Council have no power to raise a loan for contributing their share of the cost of the schemes, it would be advantageous if the whole amount required is raised as a loan, the interest being guaranteed by Govt. and Govt undertake to repay the loan to the extent of their liability by 1/2 - half the cost of this is to be agreed &c. whether the loan should be raised immediately or when the works are to be undertaken is another matter for consideration. It would be a great asset to the start of the works of capital is ready for them to commence immediately the war is over, and from this point of view, no attempt can be regarded as wasteful or premature if it's object is to secure funds for the final course decided upon. Govt approval may therefore be given to the raising of a loan of 16 lacs if the Bd agree to this arrangement, or 2 lacs if they don't along with the administrative sanction to the schemes when the case is ripe for orders.

Meanwhile the Bd Secretary's opinion may be obtained on the question of the loan noted above and put up for orders.

2 8 18

Request

To the Financial Secretary, Govt. Compliments, with ref to the orders at pages 43 to 45.

2 8 18

WO 30-5-18

Typ-Cyclostyle Bill,

[illegible] 70 (1)—17 [illegible]

(24

G R S III-2,

General and Revenue Secretariat | 2nd File No. 224 of 1915-

Serial No

54 The points on which Financial opinion is required at this stage are :-

(1). Whether the Tumkur Municipality may be permitted to float a loan of 2 lakhs or 4 lakhs, for undertaking one or both the schemes of water supply and drainage respectively, the interest being guaranteed by Government - to the purchasers of debentures, and

(2). Whether Government may agree to pay half cost of the 2 schemes, the amount required being provided for in the budget of the year in which the works will be commenced .

(3). It is only proposed to accord administrative sanction to the 2 schemes, and to authorise the Municipality to raise a loan to meet their share of the cost.

55. As regards point No.(1) there is no financial objection. It is stated that the Municipality will provide for the combined annual charge for sinking fund, maintenance as well as interest and sinking fund charges - Interest will be at 6%. (The only doubt is whether at the present moment, when the money market is so stringent a loan of the amount can be successfully floated).

(2) As regards the Government grant of half the cost, there will be no financial objection if provision can be made for it out of the fixed

NOTE—Contn sheet.

(25

G R S III-2,

General and Revenue Secretariat | File No. 224 of 1915

Serial No

assignment of the group-Local Self Government. The present assignment is fixed for a term of 3 years. How it will be at the next revision, of 2 years hence it is not possible to say.

56 However this much is clear - Unless the scale of expenditure under the several minor heads in the budget under 30 Grants for Public Improvements "Bangalore City Improvement, Mysore City Improvement, Malnad Improvement grant &c is - considerably reduced below the level in the -- current year's budget, it is not likely that, any amount will be available in the near future for making such large grants as herein proposed, assuming that the present assignment of 10,25 is continued to be allotted to the Local Self Government group for some years . The grant for -- Improvement of water supply in towns in the -- current year's budget is Rs.50,000 and even if whole of a grant at this rate is given to Tumkur it will take 4 years to complete the grant.

57 It is essential that water supply and drainage should go together. I think in his anxiety to show that the town can meet the working expenses and the interest and sinking fund charges in connection with the water supply scheme the Deputy Commissioner has forgotten the charges which a drainage scheme will entail. The Deputy Commissioner's

NOTE—Contn. sheet

(F R S 12)

(20

General and Revenue Secretariat

Jud File No 224 of 1915

Serial No

hope that the maintenance charges of the drainage scheme will be met from the D.P.W.budget is -- unfounded. All the resources of the Municipality are put forward to make up the figure required for recurring charges in connection with the water -- works. A sum of Rs.12,000 per annum is proposed - to be drawn from the general income of the -- Municipality for this purpose. Even if Government bears half the capital outlay a considerable amount will have to be so drawn. This will be detri- mental to the development of the town in other -- directions. In correct Municipal Finance the -- water-rate itself should cover all recurring -- charges connected with water supply . I mention this because the 4 lakhs programme for water -- supply and drainage seems to be too ambitious for a town like Dumkur and if such a scheme is sanctioned a considerable part of the burden may ultimately -- fall on Government. At any rate it is necessary -- to warn the Municipality that it must be prepared to tax itself so as to meet all maintenance and -- working charges together with interest and sinking fund charges on at least half the capital outlays.

3.) Subject to these observations there is no ob- jection to administrative sanction being accorded.

To the Revenue Secretary with compliments

(illegible)

RECEIVED 24 SEP 1918

NOTE—Contn sheet

GPE—20,000—30-6-15

2579-1)

(27

G R. S 12]

General and Revenue Secretariat. | 2nd File No 224 of 1915

Serial No

58 Submitted for orders with the Financial Secy's opinion on the matter. The grants under the head "30 Public Improvements"
9/h
26.9.18 do not seem to be capable of reduction for some years to come at least The grant for the Mysore City Improvements will have to be continued for about 6 years to come at the present rate. Similarly also the Bangalore City Improvement grants for 3 or 4 years. It is not possible to say how far they can be reduced after some 4 or 6 years. The grants under other heads are earmarked for specific purposes and do not seem to be capable of reduction to any appreciable extent. Thus the Financial Secretary's proposal that the amount required for making a grant in the present case should be met by reducing the grants under "30 Public Improvements", is hardly possible to adopt
BM
26/9/18

DK
26 9

59) Rwsur

59) 2nd member I have read with interest & agree with the Govt Resn

54
29-9-18

NOTE—Contn she

G R. S. III 2]

General and Revenue Secretariat

(28

Mil File No 224 of 1915

Serial No

Supply returns so that we may have a complete idea from Nagpur how many persons yearly in Individual Case need Medical help are issued & supplied by us in the Draft Mutiny Y.

9/5

61)

[This is one of the three files which were found missing till now and for which search was being made on the 25th instant when the Supdt RY III was absent on casual leave, the 3 files were found in a tray on his table. As instructed by the Asstt Secy enquiry will be made as to where the files were till now & who is responsible for burking them.]

Subd for orders as to the further action to be taken in the matter

NOTE—Contn sheet

WD A 1785—UPB 80,000 20 1—8.

G R S III-2)

29

General and Revenue Secretariat | MK File No 224 of 1915

Serial No.	
1	From the Dy Comr, Jhansi No 9975 of 17-1-19 Requests administrative Sanction to both the drainage and water Supply Schemes of the Jhansi Town Municipality

NOTES AND ORDERS

1-2) The [illegible] papers are being [illegible] in the Council Section.

3) Submit for orders

24/1/19 4-5) The files are so huge that they could not have been timely lost. They should be either in the Civil Secrett or the Dasni's Office. Please enquire Early & put up

MK 25/1/19

Sheet

WD 1232—GPB—20 000—18-11 15

NOTE—Contn. sheet.

P. 1-1

G. R. S. III-2]

(89 80

General and Revenue Secretariat | Mil File No. 224 of 1915

Serial No.

65) An order regarding the general water Supply Schemes, to under issue —

88
27-2-19

66) A copy of the order is put up. Vide [illegible] 11030 of Mil 157-16-1 of 26-2-19

67) The Municipal Council are in favour of carrying out the Drainage and water Supply Schemes together and the late Dewan has agreed with the Municipal Council. Vide page 13 of the Town notes of February and March 1918

68) In the general Schemes order recently issued, the water Supply project of this town is included under the Schemes to be investigated during the year 1918-19.

69). The points for consideration are the following :-

NOTE—Contin. sheet

G. R. S. III-2]

V539-17

General and Revenue Secretariat

File No 2-4 of 1915

Serial No.

(a) Whether the P. W. D. be requested to investigate the drainage scheme also?

(b) Whether Govt agree to contribute moiety of the estimated cost of both the projects?

(c) How the amount required for carrying out the works should be raised?

(To) Submitted for orders for P. of this on vide pages 24 to 26 7/3/19 of the notes Supra.

Revised) 10/3/19

Temp. Member & Dewan) 10/3/19

3601 / 12.3.19

5691 / 24.3.19

"As a preliminary measure the water supply scheme may be taken up first and administrative sanction may be accorded for it with the funds amounting half the cost Rs 1,36,000 the estimate for Rs 2,65,000 may accept.

22/3

WD A 1759 GPB—60,000 20.3.19

G R. S. III 2]

999

32

General and Revenue Secretariat

Gil File No. 224 of 1915

Serial No.

5691/24 3-19

Please see Financial note of 2 Aug 15

Yet may give ½ cost yrs subsidy scheme - Already over 3 years of rd will benefit Wharf - & road about Ismailia bund & near the Canteen Chaze Whereas the 6 yrs a loan subsidy to meet both the schemes yet can help with - could ¼ for the damage

These suggestions may be considered in Council The probable that cost will further reduced Considerably of both the Schemes

Gl

26.3

S. [illegible] 26/3/15

The file already by other means was received -

Was Sept called for

Adjutant being taken -

Clerk being written Compliments

26 3 15 Done 26/3 P 70

NOTE—Contin. sheet

WD A 1789 GPB 60 000- 20 8

G R S III-2j

General and Revenue Secretariat | 9ml File No 214 of 1915.

Serial No.

This Scheme like several others
is not a recent one having been
proposed about three years ago
I am doubtful if the details of
the Scheme will stand the test in
the light of present conditions I
should strongly urge, a careful Exam
of the details project as well as
Estimate by the Engr of the New Ramy
Circle The work will have to be
taken up by one of the new (Construction)
Divisions of this Circle & unless the
Scheme has been submitted to the
Scrutiny of the then (Project) Division
of this Circle, there may be complica
tions We have wanted for years now &
do not know of it will make much
difference if we have to wait for a few
months more
When once the details are satis
factorily settled the Govt may entertain
half the cost the other half being met
by the Municipality which will also provide
funds to meet the recurring charges
The Municipality may with Govt sanction
a debenture loan to meet the cost

Engr
31 3 17

Note—Contn. sheet.

(33a)

(For Disposal at a Meeting)

No. C. 733

28 3. 1919

GENERAL AND REVENUE SECRETARIAT.

COUNCIL MATTER

SUBJECT

(Clause xii of the Schedule)

Water supply scheme for the Tumkur Town

CIRCULATED TO THE MEMBERS OF COUNCIL

By Order,

29th March 1919

S Balasundaram
Chief Secretary to ~~Government~~

Extraordinary Member of Council

First Member of Council

Second Member of Council Opinion recorded 31 3 19

Temporary Member of Council.

WD 2670—GPB—1 000—11-5-17

seen

C-733 34

Extract from the Proceedings of the 486th Meeting of the Council of His Highness the Maharaja, held at Bangalore on the 12th April 1919

Q. Subject.—Clause xii of the schedule.

Water supply scheme for the Tumkur Town

Opinion of the Council.

Administrative sanction may be accorded to the water supply projects. The estimate may be revised by the new Sanitary Circle.

Government may grant one-half the cost, to be spread over three years, provided the municipality find funds for the other half of the cost.

Sd A R Banerji
Offg Dewan of Mysore

"EXTRACT"

C S Balasundaram Ayyar

Chief Secretary to Government

WD 1165—GPB—1,412—6-12-18

WD A2039—GPE—500—1-4-15

(1 R 5 III-2)

General and Revenue Secretariat

File No 224 of 1915

23 As soon as circulation is complete and the opinion of the Council is recorded the file will be forwarded to the Secretary in the Department concerned for transmission if need be to the Financial Secretary under Standing Orders and for submission to the Dewan or Member in charge.

Extract from the Proceedings of the Council is put up

Forwarded with compliments to the Secretary to Government, Revenue department under Rule 23 of the Subsidiary Rules of Council Business

By Order,

Chief Secretary to Government

Rule for approval.

Please see revised note & order. Put up clean copies

D. & N and a draft order are noted as directed by the Secr. Para 3 of the draft order is subject of approval as if it is considered unnecessary it may be deleted. The notes have also however furnished the case & reasons in the order

Para 3 may remain

Temp. Para 3 may be deleted as suggested in the last para above. Does not they deny power about it

From Financial Note we found by the records but not up

9915

36

G R S III-2,

General and Revenue Secretariat | File No | of 191

Serial No

Subject matter as per S N

DEWAN'S OFFICE.
Recd on APR 29 1919
Reg No 6726

Dewan

29/4/19

FINAL NOTE BY THE TEMPORARY MEMBER OF COUNCIL

Subject Water Supply scheme for the Tumkur Town.

The question of providing the Tumkur town with water supply has been engaging the attention of Government and the Municipality for a long time and though several projects have been suggested from time to time, none of them took practical shape until the situation was studied by a special committee appointed by Government in their order dated the 3rd November 1916. In the opinion of the Committee the only feasible scheme is that of supplying water by gravitation from the Maidala tank in the Tumkur Taluk.

2. In Government Order No. 313-23/P.W. 1890-95 dated the 19th February 1917 approval was accorded to the general recommendations of the Committee and the Superintending Engineer, Southern Circle, was requested to submit a report on the general outlines of the scheme with a rough estimate of its cost for the consideration of Government before working out details.

3. With his letter No. 1614 dated the 7th February 1918 the Chief Engineer submitted two alternative projects amounting to Rs.2,64,519/- and Rs.3,32,801/-. The first project provides for a main consisting partly of masonry conduit and partly of pipes and the second for a main consisting of pipes only, due provision being made for filters, service reservoir and distribution. Provision has also been made in both the projects for opening two feeders at a cost of Rs.64,390/- so as to increase the catchment of the tank by 3½ square miles as recommended by the Committee.

4. The Central Sanitary Board to whom the matter was referred,

approved of the second project with the observation that the question of increasing the catchment be deferred for the present.

5. The Chief Engineer agreeing with the Sanitary Board has recommended the second project for the sanction of Government and as regards the question of irrigation of lands, he states that the quantity required for water supply is small as compared with what is required for wet cultivation under the tank and that, after a trial for a few years, if it is found that the tank cannot possibly meet the requirements of the atchkat and water supply, then the question of increasing the catchment area by constructing feeders or converting some of the wet lands to dry may be taken up for consideration.

6. In this connection the attention of the Tumkur Town Municipal Council having been drawn to the fact that the water supply to the town, though a boon, becomes a source of danger to the people if no proper drainage is ensured, the question was considered by the Municipal Council at a special meeting on the 9th March 1918 and they have resolved that Government should be requested to accord administrative sanction to both the drainage and water supply schemes at a total cost of Rs.4 lakhs, out of which half the cost may be contributed by Government, the Municipal Council being permitted to raise their share of the other half of the cost by a private loan, the annual maintenance charges of water supply amounting to Rs.6,000/- being met by the levy of a water tax and a duty on kerosine oil, timber &c.

7. The Financial Secretary is of opinion that there is no financial objection to permit the Municipality to raise a loan of 2 lakhs or 4 lakhs for undertaking one or both the schemes of water supply and drainage respectively, the interest being guaranteed by Government to the purchasers of debentures at the rate of 6 per cent and that there will be no objection to the payment of contribution of half the cost by Government, if provision can be made for it out of the fixed assignment under the group - "Local Self Government - 30 Public Improvements" in State Budget. The

Financial Secretary however observes that it may not be possible to make such large grants as those asked for in this case out of the limited allotment under the budget head referred to above for some time to come and he also suggests that the Municipality should be warned that it should be prepared to tax itself to meet the maintenance charges as also the interest and sinking fund charges.

C 8. In his letter dated the 17th January 1919, the Deputy Commissioner, Tumkur District, has again urged that administrative sanction to both the drainage and water supply schemes of the Municipality may be given.

Rs. 34 9. The matter has been considered in Council and in view of the probable difficulty in making the requisite funds available for both the schemes, they are of opinion that administrative sanction may be accorded at present only to the water supply project without the provision for increasing the catchment area of the tank, as recommended by the Central Sanitary Board and the Chief Engineer, and the present estimate for Rs.2,68,411/- revised by the new Sanitary Circle, Government contributing one half of the cost in the course of three years if the Municipal Council find funds for meeting the balance of the expenditure involved.

10. A draft order prepared in accordance with the resolution of the Council is herewith submitted for approval.

MEMBER OF COUNCIL.

Camp Mysore.
27th April 1919.

Submitted to His Highness

I submit herewith a final note by the Temporary Member of Council regarding a scheme for supplying water to the Tumkur Town from the Maidala tank at an estimated cost of Rs.2,68,411/- and request that the scheme may be graciously approved. on the Conditions duly stated

29th April 1919.

29 4 19

41

Record of Cases submitted for the Order of His Highness the Maharaja

Subject

Water Supply Scheme for the Tumkur Town.

1120

Order

~~KRW~~

1/5/19

Revised 1.5

R S T L-2]

C 733 ✓

General and Revenue Secretariat | File No 2114 of 1915

Serial No

31 All private or confidential files addressed with His Highness' orders may in the absence of instructions or indications to the contrary, be ordinarily circulated to the Members of Council for perusal after the issue of orders

33 The Secretaries concerned should see that orders in the cases referred to above are issued at once and that the files are returned immediately after to the Chief Secretary for circulation to the Members

34 In all other cases the files will first be circulated to the Members of Council at headquarters and then sent to the Secretariat concerned for the issue of orders

Circulated to the Members of Council for perusal of (*)

His Highness' orders before issue of orders (*Vide* Rules 31, 33 and 34 of the Subsidiary Rules for the conduct of business of Council in the Manual of Council Rules and Procedure)

C S Balasundaram
Chief Secretary to Govt

Through the Secretary to Government,
Revenue Department

1502 / 12-5-19

FIRST MEMBER OF COUNCIL

6939-2965 / 12-5-19

SECOND MEMBER OF COUNCIL

13-5-19

4626 / 10-5-19

TEMPORARY MEMBER OF COUNCIL

10/5

14-5-19

14/5/19

(*)—Contd sheet

W D I 1 DPE—600—6-3-19

R S HI-2

Genera and Revenue Secretariat

File No 224 of 1915

Serial No	
7	Re Dy Comr Tunkers etc, Chief Engineer and the Comptroller, No 14736-8 9/7/5/15 forwarding with certain observations administrative sanction to the scheme for water supply by gravitation from the Maidala tank

Note—Conte sheet

GPE—50,000—17 9-15

From The Deputy Commissioner Jumna District

To The Secretary to the Govt Revenue Department

Dated 24th February 1916

Despatched 28

Received

General No 420

No

Enclosure No One

Reports upon the question of water supply to Jumna Town

D 3198
Mul 22-4-16-1

Office of the Deputy Commissioner,
Tumkur District,
Dated, 24th February 1916.

From

V R Srinivasiengar, Esq., M A.,
Deputy Commissioner,
Tumkur District

To

V R Thyagaraja Iyer, Esq., M A.
Secretary to the Government of His Highness the
Maharaja of Mysore, Revenue Department, Bangalore.

Sir,

With reference to your letter No. 6830-Ml.227-14-3 dated 4th March 1915 inviting attention to interpellation No 9 relating to the question of water supply to the Tumkur Town and stating that the Government will be in a position to take further action necessary for the execution of the scheme approved by Government, provided the Municipal Council is able to bear half the capital outlay and the whole of the recurring expenditure, I have the honor to state as follows -

2. The town of Tumkur with a population of nearly 12,000 is at present solely dependant on wells for its water supply The wells contain a fair supply so long as there is some water in the Tumkur Amanikere but whenever the water in thetank goes down or gets exhausted, which it does for at least 5 or 6 months almost every year during Summer the supply in the wells begins to fail and great difficulty and suffering are experienced in the Town in consequence The question of providing the town with a good and adequate supply of water has therefore been engaging the consideration of the Government as well as the Municipality for the past 30 years and various projects were being thought of in connection with it from time to time

3. In the year 1888 Mr C T Dalal the then Executive Engineer prepared a project for supplying water to the Town from Somekatte

a small tank, at the out-skirts of the town by raising its weir by 9 feet, but it was condemned by Major Kensington as impracticable and was therefore given up The next proposal that was considered was to construct a new service reservoir above Somekatte and to feed it from the Devarayapatna tank, but it had also to be abandoned on account of the precarious nature of the water supply to this tank. A project for using the Kundur tank as a storage reservoir so as to utilize the perenial springs in the bed of the tank was then investigated but was pronounced by Mr Dalal to be not likely to be sucessful Some more schemes such as increasing the capacity of the Kundur tank and feeding it from the Devarayapatna tank or from the Haidala tank were also thought of from time to time, but were all pronounced unsatisfactory for one reason or another. Ultimately as the only practical means of solving the question a preliminary project (copy of which is herewith enclosed) was got up in 1923 by Mr K Srinivasa Iyengar, Executive Engineer, in charge of the water supply and stores Division This project provided for the supply of water to the town by gravitation from the Midala Amanikere - a large tank with a capacity of 1001 units, situated on high ground at a distance of about 9 miles from Tumkur According to this project all the wet and garden lands under the tank, aggregating to 1032 acres on the whole were to be either acquired outright or converted into dry and the tank water reserved exclusively for the water supply of the town The tank water was to be conducted to the town by a metal pipe line, filtered there at the highest point and thence distributed through pipes and fountains The initial cost of the project was estimated at Rs 1,67,000 (including the cost of acquisition of the wet and garden lands under the tank) and the recurring charges at Rs 1,000 per annum In sending this project Mr K Srinivasiengar suggested however, (vide the last para of the report) that before coming to a decision in the matter, it was worth while trying some borings at one of Talpargi springs near the town so that if a sufficient quantity of water could be tapped from the section of the bed-

ing

supplying the town from them might be considered.

5. The Chief Engineer to whom the water supply Executive Engineer's note was submitted having sent it up to Government they forwarded it to the Deputy Commissioner with their letter No. 5391/M1 398-09-15 dated 13th November 1913 and called for the opinion of the Municipal Council in the matter with their proposals for financing the Scheme proposed by the Executive Engineer if it was approved.

6 The question was then placed before the Municipal Council with the result that the Council was of opinion that it was not practicable to adopt the suggestion about supplying the town from Talparges and that the Government be requested to sanction a grant-in-aid of half the cost of the Maidala project and advance the other half as a loan free of interest to the Municipality On this being reported to Government, they replied in their letter No 11460/M1 398-09-23 dated 16th May 1914, that the request of the Municipal Council could not be granted and that Government would not be prepared to consider the sanctioning of the project until the Municipal Council was better able to finance the same

6 After the receipt of this communication a Sub-Committee was appointed to go into the question in all its aspects and submit proposals for the consideration of the Council The Sub-Committee after going thoroughly into the question and considering not only all the Schemes that had been till then investigated but also certain other suggestions made by some of the members in the Committee arrived at the opinion that the Maidala project was the only feasible and practicable scheme for the supply of water to the town, that in view of the capacity of the tank, it was unnecessary to acquire the garden lands under it and that it would be sufficient if the wet lands were acquired or converted into dry on payment of adequate compensation The proposals of the Sub-Committee were then considered at a meeting of the Council on the 10th instant A printed memorial got up by the occupants of lands

l n under the Maidala tank protesting against the utilization of the tank for the Tumkur water supply, was also considered at the meeting After a full and thorough discussion, the council adopted the following resolutions --

I After a consideration of all the schemes which have been prepared from time to time for the water supply to the town the Council is of opinion that the Maidala project proposed by the Executive Engineer, Water Supply Division affords the only practical solution of the question and the Council is of opinion that the project may be adopted

II The Council is of opinion that considering the capacity of the tank, the supply in it will be quite sufficient for the town as also for the gardens under the tank and that it will be therefore unnecessary to acquire the gardens

If, however, it is found by experience later on that the tank cannot meet the requirements of both the gardens under it as well as the town, the Council will then be prepared to acquire the gardens or otherwise compensate the owners thereof for the deprivation of water

III With a view to avoid constant disputes between the Municipality and the garden owners in the matter of the regulation of the supply, the Council is of opinion that the sluice for the gardens may be fixed at such a level as to leave below a supply of about 300 units sufficient for 3 years for the town This will practically give the garden owners a tank with a capacity of 800 units for an extent of 275 acres

IV To meet the Municipal quota of the cost of the project sum of about Rs 35,000 is immediately available at the credit of the Municipality The Government may be requested to advance the balance as a loan to the Municipality repayable in 20 years with interest at 4% or, if this is not possible to permit the Municipality to raise the amount by Debentures bearing interest at 5 or 5½%

7. Taking the above resolutions in order, the first one reiterates the decision already arrived at by the Council on previous occasion that the Maidala project affords the only practical solution of the Tumkur Water Supply question which has been the subject of investigation and anxious consideration for over quarter of a century In arriving at this decision the Council have not been unaware of the large interests involved under the tank They are fully cognizant of the hardship and inconvenience to which the land holders under the tank would be subjected if the project is adopted, but they have nevertheless been forced to agree to its adoption as it is the only practical solution of their difficulties and as all other possible schemes have been investigated and pronounced impracticable In their memorial the Maidala tank people have suggested that the Tumkur Amanikere may be used for the water supply of the town If this were feasible and practicable the council would certainly have had no objection to it, but unfortunately the supply to the Tumkur Amanikere has been so precarious and the possibility of increasing its supply by any improvement of its feeder channels has been pronounced by the Executive Engineer to be so utterly hopeless that the Council has been obliged to give it up as quite impracticable I may also state that after carefully studying the question, I fully agree with the Municipal Council that, not-with-standing its costliness, the loss of revenue to Government and the hardship and inconvenience caused to the large number of land-holders under the tank, the Maidala project affords the only satisfactory solution of the water supply question of Tumkur and that unless it is sanctioned the Town with its growing population of 12,000 will have to suffer from a chronic scarcity of water which is bound to tell upon its steady growing prosperity and importance in course of time if not in the immediate future.

8. As regards the 2nd and 3rd resolutions of Municipal Council the tank has according to the calculation of the Public Works Department a capacity of 1001 units. Even making allowance for the silting up of the bed for some years past, the tank must now be capable of holding at least 900 units. The garden lands under the tank

are 275 acres and require at the most only 300 units If provision to be made for the retention in the tank of a 3 years' supply for the town (which is quite necessary to guard against bad years) we shall require at the most only about 300 units for the purpose and the remaining 600 units which will be retained in the tank if it fills, will be more than ample for the 275 acres of garden Hence I quite agree with the Municipal Council that it is quite unnecessary to acquire the garden lands for the present. I also fully endorse the opinion of the Council about the desirability of placing the sluice for the supply of garden lands at such a level as would leave about 300 units - the maximum quantity that may be required for the town for 3 successive bad years - as this would present constant friction between the Municipality and the garden owners. This arrangement will, in no way be unfair to or be hard on the garden owners as they will practically have a tank with a capacity of 600 units for the extent of 275 acres and will therefore be in a much more advantageous position than they are now with an area of 1,032 acres of wet and garden lands for a tank capacity of 900 units It may also be noted that though to guard against bad years 300 units is proposed to be reserved in the tank for the town supply below the garden sluice, the actual quantity of water that will be drawn off from the tank in any year for the use of the town will not exceed 100 units (including wastage by evaporation etc.), that if the tank gets about 400 units of water on the whole in any year it will be sufficient for both the gardens and the town and that past experience has shown that Tank has with rare exceptions been getting more than this supply of water every year

9. Turning now to the question of financing the project it will be seen from the resolution of the Council recorded above that it is prepared to meet half the initial cost of the project as also the whole of the annual recurring charges if the Government are graciously pleased to sanction the other half as a grant-in-aid as promised by them. The Municipal moiety of the cost of the project will amount to about Rs 85,000/- Rupees. Out of this amount the Municipal Council is in a position to pay about Rs 35,000/- immediately from the balance at its credit. As regards the balance the Council requests that it may be

advanced by Government as a loan with O interest repayable in 20 years, or if this is not possible that it may be allowed to raise the amount by debentures redeemable in 20 years and bearing interest at @ 5%. The Council is prepared to meet the amount required for repayment of the loan as well as recurring charges from the prdinary surplus in its present income supplemented by a suitable water tax if necessary as soon as the project is sanctioned and brought into operation

10 In the circumstances I beg to recommend that the Government may be pleased to sanction the project as well as the grant-in-aid of half the cost of the project from the Provincial Funds as already kindly promised by them I also beg to recommend that the sum of Rs 50,000/- or such amount as the Municipality may require in excess of its accumulated savings to meet its moiety of the cost of the project may be advanced by Government as a loan repayable in 20 years at @ 4 interest or if this is not practicable that the Municipality may be permitted to raise this amount by debentures bearing interest at not more than @ 5% and redeemable in 20 to 30 years.

I have the honor to be,
Sir,
Your most obedient servant,

Deputy Commissioner,
Tumkur District

Ref to Mad 22475

TUMKUR WATER SUPPLY.

Preliminary. Tumkur is an important place and is the Head quarters of the District. It has at present a population of - 12,000 people. The source of supply at present is from wells. There are a number of them of which 15 have good water. These wells contain water even in summer, but some of them have a very small supply, when the water in the Tumkur Tank dries up. This tank is close to the town and there is cultivation under it. The supply in this tank is said to be decreasing year after year and proposals are said to be under investigation to improve the supply. The lower parts of the town which are near to this tank have no great difficulty for water supply, while hardships for water is said to be felt in Yammekere, Bazaar Street, Chitterbidi, Durgi Street and parts of the southern extension of the town.

In the extentions, new wells have been excavated and they are giving a fairly good water supply for that part of the town. The total number of wells that have good potable water is about 15 and as this number is small for a population of as much as 12,000 there is a demand for an adequate and copious water supply to the town.

Source of supply. There are a number of tanks round about Tumkur, but all of them have extensive cultivation under them. The capacities of these are not big enough for consideration as water-supply reservoirs. The only tank which has an adequate capacity and fairly close to Tumkur is Maidala Amanikere Tank, Registered Number 155. The total catchment area of this tank is 20.6 sq. miles. The capacity is 1100 units and the area of water spread, 527 acres. This is the only tank worth considering for use as water supply reservoir. There is extensive cultivation under this tank as much as 884 acres. The tank is situated in a gorge between two hills of the Devarayadurga series. It is no doubt an ideal tank for a water supply as the catchment is a purely hilly country and it has three tanks above it It is also situated about 60 to 70 feet above the highest point of Tumkur Town [illegible]

ing is necessary and water can be delivered to Tumkur Town by gravitation. The question whether it is possible to trace a channel from this tank to the town of Tumkur has been investigated. The total length of channel will be 7½ miles and though the discharging capacity of the channel required is only 1/3 cusecs, it is not possible to have a section of less than 1 square foot as it will be liable to be choked up and give trouble with this section and a fall of 1 in 1000, we can get a discharge of 2 cusecs. The cost of such a channel has been roughly estimated as per details given separately and amounts to Rs. 70,000/- Provision has been made for a masonry duct and not for an earthen channel as the latter is sure to leak badly and will be troublesome to maintain with such a small discharge. A metal pipe line on the other hand will as per details enclosed cost only Rs. 53,000/- And its adoption in preference to the channel or duct is recommended.

Adequateness of Haidala Tank as the source of supply. The water required for town supply is 9 million c.ft. per annum. The capacity of Haidala Tank is .001 units or 2602 million cubic feet. The average rainfall in Tumkur is about 25 inches and minimum 17 inches. As rainfall in this District is, said to be uncertain, it is necessary to see if this tank will suffice for the town supply for the three consecutive years of minimum rainfall.

Supposing the tank was full at the beginning of the year, thus then,

Beginning of the 1st year	2602	Million C.Ft.			
Receipt during the year with 17" rainfall on 1c.35 Sq. miles		"			
Drawn for water supply to the town	9	Million C.Ft.	}		
Evaporation and percolation on average area of tank of 350 acres	91	" "	}	100	Million C Ft.
Balance at the end of the 1st year	213	" "	}		
Add receipts during the year same as last year	53.7	" "	}	266 7	-do-
Town supply and evaporation & percolation	9	" "	}	94	-do-
	85	"			

5

Balance at the end of 2nd year	172 Million C.ft.		
Receipt	53.7	"	"
	225.7	"	"
Town supply 3rd year	9	"	"
Evaporation & percolation	70	"	"
	79	"	"
Balance at the end of of the 3rd year	146	"	"

So, even taking the case of 3 consecutive years of minimum rainfall it is that the tank is fairly ample for meeting the wants of the town.

It must however be ~~remembered that we started~~ remembered that we started with the assumption that the tank will be full when starting the water supply. From enquiries made it is learnt that the tank never fills except in a very good rainfall. But in an average year of 30 inches we may safely expect about 100 million of c.ft. of water and as the maximum drawn for the town supply and evaporation is not more than this quantity, we may be correct in assuming that though we may not begin the water supply with a full tank, we will be able to start our supply and gain in the level of the tank year after year as long as the rainfall in the year as much as 30". One thing is certain and that is, that the tank is capable to meet the requirements of the town for two or three years of bad rainfall.

The initial cost of the project. The initial cost may be roughly as follows:-

1. Compensation of conversion of wet into dry land will be at the rate of Rs. 100/- an acre for wet lands and Rs. Rs 500/- to 1,000/- for gardens. As the garden lands are only 262 acres and as some of the wet lands may be compensated for less than 100 rupees, an average of Rs.100/- per acre has been allowed for the present, pending detailed investigation on the point.

2. Cost of 6 " steel pipe line for 6 miles long as per separate estimate Rs. 53,000/-

3. Reservoir at Tunur to hold 8 days' supply viz 300,000 gallons lump sum " 7,000/-
4. Distribution pipes &fountains " 10,000/-
5. Sand bed filters " 5,000 -
6. Euro Waterfall &c. " 3,5 */-

Total Rs. 166000/- or say Rs. 1,67,000/-

Maintenance charges.

For up keep of filters	Rs.500/-
Staff:-	
1 Valve man on Rs.15/-	Rs
1 Watch man on Rs. 9/-	Rs.276/-
Maintenance of pipe line and filters. (Lumpsum)	Rs.224/-
Total	Rs.1,000/- per annum.

Concluding remarks. It is seen from the report fore-going that it is possible to supply Tumkur Town with adequate water supply from Haidala tank. But the cost comes to Rs.1,10,000/- which works to about Rs.11.15 per head of population. The maintenance will be a small figure amounting to only about Rs.1,000/- per annum. The Municipality will have no difficulty in meeting this sum for the yearly maintenance but as regards the initial cost it is doubtful if they will be able to meet even any portion of the estimated cost. The advisibility of converting Haidala tank into a water supply reservoir is also a questionable point as the compensation of converting the land from wet to dry is a considerable sum and the Government are thereby losers to the extent of Rs.5,500/- per annum.

There is one other way in which the town can be supplied with good water. During my inspection there I was told by Mr. Krishnaiengar, Executive Engineer, Tumkur Division, that there are Talpargios" or surface springs in the bed of the Tumkur Tank and that these give a good supply of water. I was not able to inspect the exact spot as I could not get hold of a proper guide to show me the place. On my return to Bangalore, I had a chance of discussing this point with Mr. Chatterton, Director of Industries and Commerce and he told me that there is very good "Talparigo" in Mr. Hemahanumantiah's garden, 3 miles north of Tumkur.

The above information leads me to believe that there is

copious

copious supply of water underground and close to Tumkur. If only a proper spring work tapped the people of Tumkur can have a good water supply at a small cost. I would, therefore, suggest that Dr. Smeath who is conducting well boring experiments at Hyder be requested to try some borings at Tumkur at one of the places where the Malpergy exists and once the spring is tapped, we can as a trial erect a pump and engine and find out the capacity of the spring and its adequateness for supplying the Tumkur town with sufficient water.

(Sd) K. SRINIVASIENGAR.

Executive Engineer

Water supply and Storage Division, Bangalore.

TUMKUR WATER SUPPLY.

Details of the scheme.

1. Population 11,749 as per census of 1901.
2. Number of houses 2513.
3. Area of town 1,000 acres.
4. Source of present supply is from well and tank.
5. Number of wells having good potable water is 15.
6. Existing wells are supplying water in seasons of good rainfall and fail when there is not water in the tank.

7

PROPOSALS.

1. Present population is 12,000 nearly.
2. Prospective increase 3,000

15,000

3. Allowance per head of population is 10 gallons daily.
4. Quantity of daily supply will have to be 150,000 gallons.
5. Source of supply. Haidala tank.
6. Method of supply:- To bring the water of the above tank to Tumkur in a 6" steel main filter it at the highest point of the town and distribute it through pipes and fountains.

7. Fall available between Haidala tank and highest point of town is 47 feet.

8. Filteration by slow sand bed filters.

(Sd.) K. SRINIVASIENGAR,

Executive Engineer,

Water supply and Stores Division, Bangalore.

57

ESTIMATE No.I.

Estimate of the cost of a channel to be constructed from Kaidala tank Registered No.155 to Tumkur town.

1. The channel has been traced by actual survey and the length found to be 7½ miles.

2. The discharge required in the duct is 1/3 cusec. But as less than 1 Sq. foot of duct area is likely to get choked this section has been adopted.

3. The fall of the duct will be 1 in 1000.

4. No earthern channel is recommended as it is likely to be leaky and get choked with such a small discharge.

5. The duct will be of section 1'X1' with 4" walls on both sides and constructed on a masonry bed of 1' depth. It is not proposed to cover the duct as it is not necessary to do so on account of the filtaration that will be done at the end of the duct. The walls and bed of the duct are proposed to be plastered with cement.

6. Four superpassages and 2 aequeducts will be necessary and have been provided for.

7. ESTIMATE.

7½ miles of duct at Rs.1-7-0 per R.Ft.		Rs. 67,320
Cost of 4 superpassages		Rs. 1,500
Cost of 2 aequiducts		Rs. 900
	Total Cost	Rs. 69,720
	or say	Rs. 70,000

(Sd) K. SRINIVASAYYA.
Executive Engineer,
Water Supply and Storm Division, Tumkur.

ESTIMATE NO.II.

Estimate of the probable cost of 6" steel pipe line for Muḍāla tank to Tumkur town.

1.	Cost of 6" steel pipe line including laying and jointing earth work etc., complete.	Rs. 51,320
2.	Special pipe valves	Rs. 1,800
		Rs. 53,000

(Sd) K SRINIVASIENGAR
Executive Engineer.
Water supply and Stores
Division, Bangalore

Deputy Commissioner
Tumkur District

D.1402
Dwk 224-15-2

Water supply to Tumku. town.

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Public Works Department.

Read.-

(1) petition from the ryots of the 14 villages benefited by the Mydala tank, protesting that the tank may not be utilised for the water supply to the Tumkur town.

(2) Memorial from the inhabitants of Tumkur praying that the Mydala tank may be utilised for the water supply to the town.

916

Order No. 2269-74 / 11045-50 dated Bangalore 3rd November 1916.

A water supply scheme for the Tumkur town is urgently needed. The projects hitherto prepared for the purpose have been either abandoned or left in an incomplete stage.

2. It is understood that two projects have been under consideration, viz., one to supply water from the Tumkur and the other, from the Mydala tank.

3. In order to enable Government to arrive at a final decision in the matter, a Committee consisting of the marginally noted officials is hereby appointed to examine the relative merits of the two projects in all their aspects and submit their final recommendations before the 1st January 1917.

(1) The Chief Engineer of Mysore
(2) The Deputy Commissioner, Tumkur District.
(3) The Superintending Engineer, Southern Circle
(4) The Superintending Engineer, Northern Circle
(5) The Executive Engineer, Water Supply Division

4. All that is required is a preliminary scheme for administrative sanction of Government.

5. The Superintending Engineer, Southern Circle, is requested to submit at once to the Chief Engineer the alternative schemes referred to after duly getting the necessary information from the Municipality and the Deputy Commissioner

6. The date and place of the meeting will be fixed by the Chief Engineer.

For Secretary to Government,
P. W. Department.

To

The Chief Engineer of Mysore
The Deputy Commissioner, Tumkur District.
The Superintending Engineer, Southern Circle
The Superintending Engineer, Northern Circle
The Executive Engineer, Water Supply Division
The Secretary to Government, Revenue Department.

V.W.S.

Water supply to the Tumkur Town.

G.O. 2584 / Mi. 2'24-5-3.

Proceedings of the Government of His Highness the Maharaja of Mysore.

Public Works Department.

Reads:-

(1) G.O.No. 2269-74/P.W.11045-50 dated the 3rd November 1916, appointing a Committee of officers for considering the projects relating to the water supply to the Tumkur town.

(2) Note dated the 14th December 1916 by the Public Works Secretary submitting a copy of the Committee's recommendations on the subject.

Order No. 3/S-25 Dated Bangalore, 6th February 1917.

A copy of the report of the Committee that met at Tumkur on the 2nd December 1916 for discussing the question of the water supply to the Tumkur town is appended and Government are pleased to approve generally of the recommendations made therein.

2. The only scheme considered by the Committee to be feasible is that of supplying water by gravitation from the Maidala tank in the Tumkur Taluk. As the weir of the tank will have to be raised by 2 or 3 feet and the catchment area increased by 5 square miles for the purpose, the Superintending Engineer, Southern Circle, is requested to submit at once a report on the general outlines of the scheme with a rough estimate of the cost for approval before working out details.

Government direct that a project worked out in detail, after the preliminary approval as stated above, should be submitted within six months.

For Secretary to Government,
Public Works Department.

To

The Secretary to Government,
Revenue Department.

The Superintending Engineer, Southern Circle.
The Superintending Engineer, Northern Circle.
The Executive Engineer, Water Supply Division.
The Deputy Commissioner, Tumkur District
The Deputy Commissioner in Mysore.

Exe to Vol 2024-15
313

6

Report of the Committee.

Water Supply Scheme to Tumkur Town.

In accordance with the instructions contained in Government Order No. 2269-74/11045-50 dated Bangalore 3rd November 1916, a meeting of the members of the Committee was convened at the - - Tumkur Town Hall on the 2nd December 1916.

The members present were:-

The Deputy Commissioner, Tumkur District.
The Superintending Engineer, Southern Circle.
The Executive Engineer, Water Supply Division.
The Chief Engineer of Mysore.

The Vice-President of the Municipality Mr.Seshadri Iyengar, the Executive Engineer, Tumkur Division, Mr.C.Krishna Iyengar and the Amildar Mr.Sitaramayya were also present by request.

2. After an informal discussion, the Committee have resolved as follows -

(1) The Maidala tank scheme is the only feasible project for the Tumkur town water supply. The Tumkur Amanikere tank cannot be dpended on for the town water supply, nor is there any feasibility of adding to it by means of any safe feeder channels It is a - - shallow tank, and as it is at a very low level, water cannot be served to the town except by means of pumps It is also not safe to forego a large revenue derived from this tank to utilise it for the water supply scheme depending on such an uncertain supply The Maidala tank alone has to be resorted to for the purpose.

(2) The present catchment of the Maidala tank might be increased by as much as 5 sq. miles including the Nandihalla feeder already

opened

opened, to supplement the present supply to the tank and raise the weir level by 2 or 3 feet, so as to compensate for the present irrigation supply to be reserved for the water supply scheme to the extent of 300 units for the first year and 100 units in subsequent years.

(3) A high level irrigation sluice should also be provided so as to reserve all water below it to the extent of 300 units for the water supply scheme.

(4) The conditions thus secured by the additional catchment area and the increased weir level may be tried for a period of about 3 years, to see if the water will suffice both for the town water supply and irrigation. If water is not found sufficient some of the high level wet lands may be converted into dry lands and this question may be settled thereafter. The garden lands will in no way be affected by this arrangement.

(5) The water supply scheme will, of course, have to bear the cost of compensation for the lands submerged by raising the weir level, as well as the cost of improvement to the bund and opening of the feeder channel;also compensation for converting the wet lands into dry lands in case of continual failure of supply to those lands should be met by the above scheme. The cost of compensation will be considerably minimised, if not totally eliminated, by this arrangement and the interests of the ryots much safeguarded.

3. If the above proposals meet with the approval of Government, detailed estimates will be prepared and submitted for sanction

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"COPY"

Assistant Secretary to Government,

Public Works Department.

bob.

W D 4138—GPB—500—24 7 17

Telegraphic Address *Statesworks*

No 1614

MYSORE P W DEPARTMENT

CENTRAL OFFICE,

Bangalore, 4 February 1918

From

S CADAMBI, Esq,

Chief Engineer for Irrigation,

Bangalore

6951

To

B.Ramaswamaiya, Esq., B.A., B.L.,

Secretary to Government,

Revenue Department.

Sir,

With reference to Government Order No.318-23/P.W.1890-95 dated the 19th February 1917 regarding the water supply to Tumkur town, I have the honour to forward herewith for disposal two alternative projects amounting to Rs 2,64,519 and Rs 3,32,801 respectively.

2. As laid down in the above order, the source of supply is the Mydala tank. The proposal is to supply water to the town by gravitation from the tank.

3. The first estimate provides for a main consisting partly of masonry conduit and partly of pipes and the second for a main consisting of pipes only. Due provision has been made for filters, service reservoir and distribution.

4. Both the above schemes include an estimate amounting to Rs 64,390 for opening two feeders to increase the catchment of the tank by 3½ square miles as per recommendations of the committee.

5. The Central Sanitary Board to whom the project was referred are of opinion that the question of increasing the catchment may

W D A 183—GPB—500—24 7

191

MYSORE P W DEPARTMEN'

No

From

THE CHIEF ENGINEER OF MYSORE

Bangalore

To

Dated Bangalore, *191*

Despatched

Enclosure No

SUBJECT

be deferred for a future consideration for reasons mentioned in their resolution.

6. A copy is enclosed for kind information.

7. I am also of opinion that the cost of opening the feeders is disproportionate to the quantity of water that is expected to flow into the tank. In addition, it will be a difficult matter to maintain the feeders in order specially as they run in broken and hilly country. The question of increasing the catchment and raising the weir &c., may therefore be postponed for the present.

8. The quantity of water required for water supply purposes ~~required~~ for is small as compared with what is required for the wet cultivation under this tank.

9. I rather consider that by judicious management and proper regulation of water it may be possible to make the tank serve both purposes.

10. I recommend therefore that, when the tank commences to serve as a source of water supply, it may be placed under the management of P.W.Department Agency to properly conserve the storage between the two users.

11. The cost of maintenance of staff, &c has to be met by the Municipality.

12. If it is found after a trial of few years that the tank cannot possibly meet the requirements of the atchkat and water supply, then the question of constructing the feeders or converting some of the wet lands to dry may be taken up for consideration.

13. Deducting the cost of feeders, the estimates amount respectively to Rs 2,00,129 and Rs 2,68,411.

14. With the Sanitary Board I recommend that the larger estimate may be sanctioned. The reports and the office note accompanying the project explain the details.

15. After administrative sanction is communicated detailed estimates will be prepared and submitted for approval. In the meantime necessary arrangements for funds may kindly be made.

I have the honour to be,
Sir,
Your most obedient servant,

for Chief Engineer for Irrigation.

V.N.S.

GPB—50 000—17 9 15

1918.

9 APR 1918

From The Deputy Commissioner, Tumkur District

13779

To The Secretary to Government, Revenue Department, Bangalore -

Dated 5th April 1918

Despatched 9th April 1918

Received

General No 5th This & 392 of 17-18

No

Enclosure No One -

Requests that the water supply and drainage schemes of Tumkur Town may be sanctioned -

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Office of the Deputy Commissioner,
Tumkúr District,

Tumkúr, dated 5th April 1918.

No 224-15=5

From

A Subramanya Iyer, Esq, B.A.,
Deputy Commissioner,
Tumkúr District

To

B. Rámaswamayya, Esq, B A, B L,
Officiating Secretary to the Government of
His Highness the Mahárája of Mysore,
Revenue Department,
Bangalore

Sir,

I have the honor to state that at a Special Meeting of the Municipal Council of Tumkur Town held on 9th March 1918, it was resolved that the Water Supply and Drainage Schemes may be sanctioned simultaneously -

2 Excluding the moiety of the cost of both the schemes, which it is expected the government will be graciously pleased to contribute, the amount which the Municipality will have to spend will be Rs 2,00,000/-, for which there is already in deposit in the Mysore Bank a sum of Rs 50,000/- The Municipality will therefore have to borrow a sum of Rs

1,50,000/-

3 The present Revenue of the Municipality is Rs. 32,000/-, of which Rs. 18,000/- will be required for the Administration, Lighting, Conservancy and other charges, and Rs. 2,000/- for the maintenance of roads and other sundry public works, leaving a balance of Rs. 12,000/-. This amount is sufficient to discharge this loan in the course of 30 years with interest at 6 per cent —

4 The amount required for the maintenance of water supply, viz Rs. 6,000/- per annum, will be met by the levy of water-tax and Octroi duty on Kerosene oil, timber, gunny bags, &c, as already contemplated. —

5 The amount required for maintaining drainage works will be met from the grant under ordinary D P W —

6 I would therefore request that the sanction of Government may kindly be obtained for the schemes in question —

7 Copy of the Proceedings of the Meeting is herewith submitted for perusal

I have the honor to be

Sir

Your most obedient servant

(Illegible)

for Deputy Commissioner

Assistant Commissioner, Tumkur District, absent from Station —

Proceedings of the Special
meeting of the Municipal Council meeting held
on 9th March 1918 at 9 A M

P r e s e n t.

Mr. C Seshadri Iyengar, Vice President, (Presided)

2 Mr. N Gopalakrishna Iyengar, Treasury Assistant Commr.

3 " Dharmalingamodaliar, Distt Medical & Sanitary Officer in charge

4 " Y. Rama Rao, Pleader.

5 " F Venktaramiah, Advocate

6 " B Kebersing, Retired A mildar

7 " R Shama Rao, Do Do

8. " K Ranga Iyengar, Advocate

9 " Mohamed Yusuff Sahib

10 " Mylarappa.

11 " Adimurthappa

12 " Yejaman Gubbihutchiah

A b s e n t

1 Mr A Subramanya Iyer, B A , P r e s i d e n t

2 " T Hemahanumanthiah, Retired Assistant Commr

3 " N G Krishna Iyengar, Executive Engineer.

4. " S Sitaramaiah, Amildar

5. " Kodandaramasetti

6 The Rev Mr. A Brockbank

Subject -

Water Supply to Tumkur Town from Mydala tank

Resolution -

Resolved that the Water Supply and the drainage Schemes be sanctioned simultaneously which would improve the health of the town immensely

Excluding the moiety of the cost of both the Schemes which is expected the Government will graciously be pleased to contribute, the amount which the Municipality will have to spend will be Rs 200,000/- for which there is already in deposit in the Mysore Bank a sum of Rs. 50,000/- The Municipality will have , therefore, to borrow a sum of Rs 1,50,000/-

The present Revenue of the Municipality is Rs. 32,000/- of which Rs. 18,000/- will be required for the Administrative, Lighting, Conservancy and other charges, and Rs 2000/- for the maintenance of roads and other sundry public works, leaving a balance of Rs 12,000/- This amount is sufficient to discharge the loan in course of 30 years with interest at 6% P C

The amount required for the maintenance of Water Supply namely Rs 6000/- per annum will be met by the levy of

of water-tax and a duty on kerosine oil timber gunny bags &c as already contemplated. The amount required for maintaining drainage works will be met from the grant under ordinary D.P.W

Sheila Rumgay

PRESIDENT

MW 224-15-6

17 JAN 1919

D 9995 — GW 138-18

Office of the Deputy Commissioner,
Tumkur District,
Dated, Tumkur, the 17th January 19

From

A Subramanya Iyer, Esquire, B A ,
Deputy Commissioner, Tumkur District.

To

B Ramaswamaiya, Esquire, B A ,B L ,
Secretary to Government of His Highness the Maharaja of Mysore,
(Revenue Department) Bangalore

Sir,

Adverting to Government order No 318-23 P W 1890-95 dated 19th February 1917 regarding the water supply to Tumkur Town, I have the honour to state that just before the visit of the Dewan to the Town in March last, a special meeting of the Council was convened on the 9th of that month when it was resolved that Governmert should be requested to accord sanction to both the drainage and water supply schemes as it was thought possible to finance both of them, should Government be pleased to graciously contribute half of the cost

2 The matter was placed before the Dewan during his visit when after a full discussion of the situation it was decided that Government may be approached for administrative sanction of the schemes and that the estimates prepared already should be revised after the restoration of pre-war conditions and that, in the meanwhile, the financing of both the schemes should be worked ou the tour notes of the Dewan also make a reference to this and represent the case of the Municipality clearly

3 The question of providing the town with water supply is engaging the atter on of Government and the Municipality for the last 30years and in spite of several projects which were prepared from time to time it did not take any practical shape until the situation was studied by a special committee appoint ed by Govt Mr In the opinion of the committee the only feasable scheme is one relating to Hydala tank and Government have also been pleased to accept [illegible] by the recommendation made by it

[illegible] owing the [illegible] mainly due to the trade and [illegible] by [illegible] sanctions [illegible] in the course of formation and accept

2—

WD 0463—GRB—3[illegible]

1918-19

From The Deputy Commissioner,
Tumkur District
Tum

To The Secretary to Government,
Revenue Department
Bangalo

Dated

Despatched 17th January 191[illegible]

Received

General No
No.

Enclosure No One

Forwards copy of proceedings of the meeting of the Tumkur Town municipal held on the 9th March 1918 and requests to both the Drainage and water supply

or later the problem of water supply and drainage should be taken up by the Council and solved When dealing with the question of water supply it was pressed upon the attention of the Municipality that the water supply to the town though a boon, becomes a source of danger to the people if no proper drainage is ensured, and the preparation of a scheme to provide good drainage was therefore decided upon The Sanitary Department was requested to prepare one and the details of which are still being worked out in the Department The whole scheme is estimated to cost roughly Rs. 200000/-

5 In arriving at this decision the Council considered the question in its several aspects and having realised that healthy growth the of extensions and the safety of the old town depended upon a good drainage system resolved that the two schemes should be taken up together and worked out

6 The financial side of the two schemes has also been explained in the Dewan's tour notes from which it can be noticed that the extra revenue derived from the imposition of water tax and octroi on timber, Kerosine oil etc will be enough to meet the maintenance charges The total estimate of the both the schemes amounts to Rs 400000/- out of which the Council prays that ½ the amount may be graciously contributed by Government and this prayer is almost granted Vide Dewans tour notes dated 27th May 1918 and Government order No 6830/4 L 227-14-3 dated 4th March 1915

7 In these circumstances, I request that the proposals may be placed before Government and administrative sanction for both the schemes obtained After the receipt of Government order granting sanction, the question of financing the schemes will be taken up by the Council A copy of the proceedings of the special meeting of the Council is herein enclosed for your kind perusal

I have the honour to be,

Sir,

Your Most Obedient Servant

Deputy Commissioner
of Nilgiri District

Proceedings of the Special meeting of the Municipal Council held on 9th March 1918 at 9 A M

&c&c&c&c&c&c

P r e s e n t

1. Mr C Seshadri Iyengar, Vice-President (presided)
2. " N Gopalakrishna Iyengar, Treasury Assistant Commissioner,
3 " Dharmalinga Mudaliar, District Medical & Sanitary Officer, (in charge.)
4 " Y Rama Rao, Pleader
5 " H Venkataramiah, Advocate.
6 " B. Kesarsing, Retired Amildar
7 " R Shama Rao Do
8. " K Ranga Iyengar, Advocate
9 " Mohamed Yusuff Sahib
10 " Mylarappa
11 "Adimurthappa
12 " Yejaman Gubbi Hutchiah

A b s e n t

1 Mr A Subramanya Iyer, B A , President
2 " T Hemahanumanthiah , Retired Assistant Commissioner
3 " N G Krishniengar, Executive Engineer
4 " S Sitaramiah, Amildar
5 " Kodandarama Setty
6 The Rev A Brockbank

Subject

Water Supply to Tumkur Town from Mydala tank

Resolution -

Resolved that the water supply and the drainage schemes be sanctioned simultaneously which would improve the health of the town immensely

Excluding the moiety of the cost of both the schemes which, it is expected the Government will be graciously pleased to contribute, the amount which the Municipality will have to spend will be Rs 2,00,000/- for which there is already in deposit in the Mysore Bank a sum of Rs 50,000/- The Municipality will have, therefore, to borrow a sum of Rs 1,50,000/-

The present revenue of the Municipality is Rs 32,000/- of which Rs 18,000/- will be required for the Administrative, Lighting, Conservancy, and other charges, and Rs2,000/- for the maintenance of roads and other sundry public works, leaving a balance of Rs 12,000/- This amount is sufficient to discharge loan

the loan in course of 30 years at 6%

The amount required for the maintenance of water supply namely Rs 6,000/- per annum will be met by the levy of water-tax and a duty on kerosine oil timber, gunny bags etc , as already contemplated The amount required for maintaining drainage works will be met from the grant under ordinary D P.W.

Sd/ C Seshadri Iyengar,
P r e s i d e n t

"C o p y"

P r e s i d e n t

G R.S VI-71]

SUBJECT Scheme for supplying water to the Tumkur town from the Mandala tank.

Diary No of letter replied to 9995

General and Revenue Secretariat
(Mul)
the 191

Date of issue 17/5/19

Signed by Mr. B. T. Kencoa Esqr

Section Mul
File No 234-15
Serial No 7

Proceedings of the Government of
His Highness the Maharaja of Mysore

Read —1— Lr. O. No. 318-23/P W 1890-95 dt the 19th February 1917 Approving generally of the recommendations made by a Special Committee appointed for discussing the question of the water supply to the Tumkur town and directing that a report should also now be submitted by the Superintending Engineer, Southern Circle, regarding the scheme with a rough estimate of cost.

2 Letter No. 1614 dt 4th February 1918, from the Chief Engineer Submitting

Order Thereon — No

Is this be

i Printed?

ii treated as a standing order?

iii published in the Gazette English part?

iv translated?

v placed at the disposal of the press?

vi published in the Gazette Kannada part?

for the orders of Govt two alternative projects amounting to Rs 2,10,129, and Rs 2,68,481 respectively and stating that Administrative sanction may be accorded to the larger estimate, the question of increasing the catchment area also also of converting some of the wet lands into dry being deferred for the present.

Encl. Estimate 1 sheet

Order - No. 14736-38 Dt 17/5/19

Encls 4 sheets

3 The question of providing the Junction Town with water supply has been engaging the attention of Govt for some time past and though several projects had been suggested from time to time, no practical action was taken in respect of any scheme, until it was studied by a special Committee appointed by Govt - In the opinion of the Committee the only feasible scheme is one of supplying water by gravitation from the Mandalay tank

List of enclosures.

Copied by

Examined by

G R S 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation sheet draft form)

J

in the Jammu Jakuk and the Committee's recommendations have been generally approved by Govt in their order of the 14th February 1917

2. The Chief Engineer with his letter No 1614 of the 7th February 1918 has submitted with reference to para 2 of the order of 14th February 917 two alternative estimate prepared by the Superintending Engineer and duly revised according to the return of the Central Sanitary Board for Rs 200,129 (1) and Rs 268 411/- (2) respectively and agreeing with the Sanitary Board, he has recommended that the larger estimate may be sanctioned.

3. While the attention of the Town municipality was engaged with the question of water supply to the town,

This provides for a main Conveying party of masonry Conduit and party of pipes.

(2). for a main Conveying of pipes only

GPB—20 000—7 7 14

notice, that the water supply to the town, though a town becomes a source of danger to the people if no proper drainage is ensured. The Municipal Council Considers the question in all its aspects and decided that both the drainage and water supply schemes should be taken up together and works such as treat cost of 4 lakhs of rupees They have approached Govt with a prayer that help in amount may be contributed by Govt and that administrative sanction may be given to the two projects

4. After Council Considering the whole question Govt Considers that the water supply scheme may be taken up first, and are accordingly pleased to give administrative sanction to the said scheme of water supply from the Naidada Tank.

G R. S 27]

GENERAL AND REVENUE SECRETARIAT

(*Continuation sheet draft form*)

81

Govt directs that the Mysore estimate for Rs 2,68,411 prepared in this Connection be revised by the new Sanitary Circle and detailed plans and Estimate submitted by the Chief Engineer at a very early Date, for the approval of Govt

5. As regards the question of financing the project. Govt will be prepared to bear half the initial outlay on the Schemes, the grant being spread over a period of three years, provided, the Municipal - ity finds funds for meeting the other half of the Cost. The Municipal Council will be permitted to raise a loan for the purpose by means of debentures, the interest being guaranteed by Govt to debenture holders at 6 per cent per annum.

6 The Municipal Council will

GPB—20,000—7 7 14

with the existing provision for
meeting the maintenance charges
as well as the interest and sinking
fund charges and the Council should
therefore be advised to take steps
in the matter of realisation as well as
carry out improvements in bad
taxation in the respect.

7. The Municipality is requested to
furnish a scheme prospectus for
raising the loan required in this
connection in consultation with
the Chief Engineer

Asstt. Director
Asstt. Director of Local Fds.

To the Municipality Tuticorin
Chief Engineer with estimate
and the papers dealt with
his letter no. 1614/7.2.1918
Comptroller